

Update cross sections/kinetics – do we update IUPAC? PRATHER/DANIEL/  
CHATFIELD

2x2.5 STEENROD

aerosols in fast-j – Which set?-differentiate heterogeneous chemistry-MICHIGAN;  
HAMID/PRATHER /BRYAN AND CHRIS FOR CHEMISTRY.

realistic stratospheric loss BRYAN/JACKMAN

lightning – KEN PICKERING/ DAN/JULES/BRYAN

acetone

BL mixing in GISS? DAN/BIGYANI

Drop all Kz's from GISS? (Stratospheric problem). DAN/PRATHER

Update CH4 BRYAN

Run synthetic tracers for GISS; correct ch3i

Diagnostics: 3-D tendencies, emissions, chemical P/L DAN/BRYAN/BIGYANI

Update mechanism to agree with Harvard BRYAN

Check wet/dry deposition – consistency with aerosols.

RODRIGUEZ/DAN/CHATFIELD

Run hcs with archived OH. YUHANG

Convection issues? PRATHER/DAN

New winds:

GEOS-4 vs. fvgcm

GEOS-4 , ECMWF/UCI, NCEP??? (MATCH); ECMWF REANALYSIS THROUGH  
NCAR

FVGCM VS. CAM VS. GISS

FUTURE CLIMATES: 2XCO2

SENSITIVITY TO DIFFERENT VERSIONS OF GEOS 4

TALK TO THANOS ABOUT WHAT HE NEEDS.